



Kentucky Agricultural Statistics Service
PO Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

LELAND E. BROWN, Director

KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Hot and humid weather prevailed over most of Kentucky. This was the first week since April that both temperature and precipitation were above normal. The remnant of tropical storm Arlene brought much needed rain to western Kentucky over the weekend. **Topsoil moisture** as of Friday, June 10, was rated 6 percent very short, 33 percent short, 57 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 6 percent very short, 25 percent short, 66 percent adequate, and 3 percent surplus. Days suitable for fieldwork averaged 5.3 out of a possible 7 days. Major farm activities during the week included planting soybeans, small grain harvest and setting tobacco.

TOBACCO: Tobacco setting was beginning to wind down with 90 percent of burley tobacco set as of Sunday, June 12. A year ago 82 percent was set and the five year average was 80 percent. Dark tobacco was 82 percent set, compared with last year's 78 percent and the average of 84 percent. The set tobacco condition was rated 1 percent very poor, 4 percent poor, 22 percent fair, 57 percent good, and 16 percent excellent. As of Friday June 10, 89 percent of transplants were under 12 inches in height, with 11 percent 12-24 inches in height.

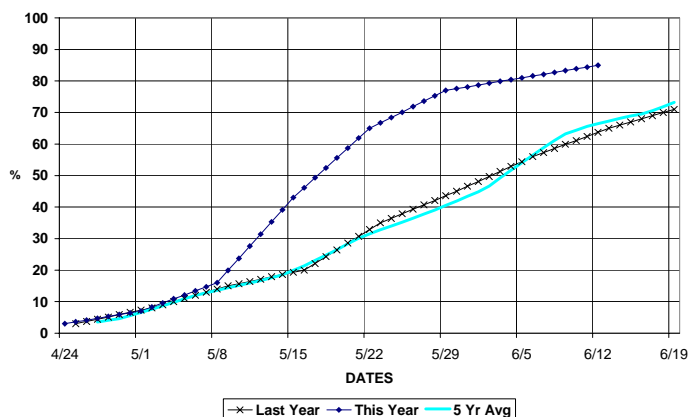
CORN: Virtually all corn has been planted and almost all of it had emerged by the end of the week. Weekend moisture was welcome and speeded up crop development. Emerged corn was rated 1 percent very poor, 3 percent poor, 19 percent fair, 49 percent good, and 28 percent excellent.

SOYBEANS: Farmers appreciated the needed moisture but will be watching for the next 10 days to see if the tropical storm brought soybean rust spores to the State. As of Sunday, June 12, 85 percent of the crop had been planted, well ahead of both last year's 64 percent and the average of 66 percent. About 76 percent of the soybeans had emerged, also well ahead of last year's 54 percent and the average of 55 percent. Emerged soybeans were rated 2 percent poor, 13 percent fair, 56 percent good, and 29 percent excellent. Average height of emerged soybeans was 6 inches as of Friday, June 10.

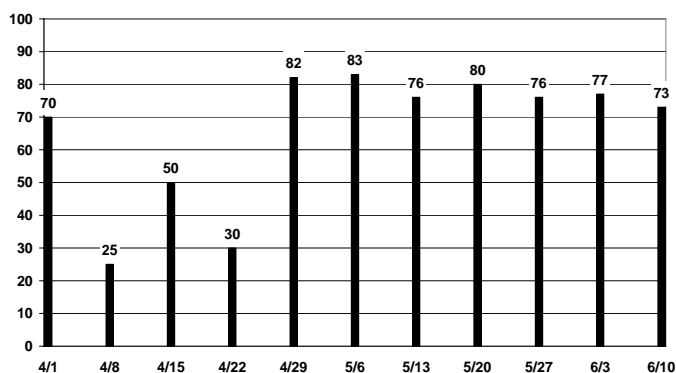
SMALL GRAINS: Wheat harvest was just beginning with 3 percent completed as of Sunday June 12 compared with 9 percent a year ago and the average of 11 percent. If dry weather develops during the week wheat harvest should be very active. As of Friday, June 10, winter wheat condition was rated 7 percent poor, 20 percent fair, 41 percent good, and 32 percent excellent. Barley harvest made good progress with 35 percent complete by Sunday, June 12. Yield and quality are generally good to excellent.

OTHER CROPS: Pasture conditions benefited from the recent storms and was rated 3 percent very poor, 7 percent poor, 34 percent fair, 44 percent good, and 12 percent excellent as of Friday, June 10. Sorghum planting was 90 percent complete as of Sunday, June 12.

SOYBEAN PLANTED PROGRESS



Winter Wheat Condition
% Good to Excellent



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 12, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn Emerged	99	97	95	97	95
Soybeans					
Planted	85	64	66	81	90
Emerged	76	54	55	74	70
Sorghum Planted	90	81	69	85	63
Barley Harvested	35	77	65	13	NA
Wheat Harvested	3	9	11	2	NA
Burley Tobacco Set	90	82	80	75	NA
Dark Tobacco Set	82	78	84	75	NA

(NA)Data Not Available.

SOIL MOISTURE

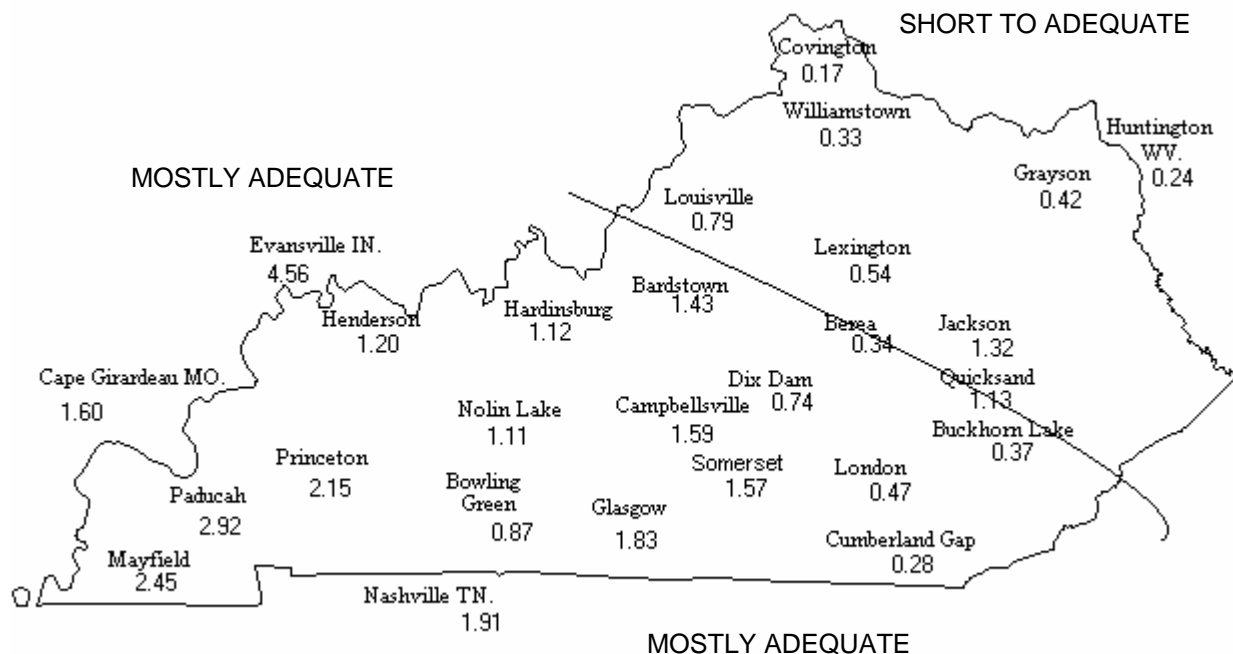
WEEK ENDING JUNE 10, 2005
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	6	1
Short	33	33
Adequate	57	64
Surplus	4	2
SUBSOIL		
Very Short	6	1
Short	25	23
Adequate	66	70
Surplus	3	6

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING JUNE 10, 2005						WEEK ENDING JUNE 3, 2005				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	1	3	19	49	28	1	3	25	53	18
Soybeans	0	2	13	56	29	0	1	20	61	18
Wheat	0	7	20	41	32	0	4	19	49	28
Pasture	3	7	34	44	12	1	4	25	57	13
Tobacco Set	1	4	22	57	16	1	2	15	64	18

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 12, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 10, 2005



KENTUCKY WEATHER SUMMARY, JUNE 6 - 12, 2005:

Above Normal Temperatures and Above Normal Precipitation

The week began with record high heat in the eastern part of the State as high temperatures climbed in to the 90's. The weather pattern was consistent all week. A Bermuda high pressure system located off of the Atlantic coast pumped warm moist air from the Gulf of Mexico into the Ohio Valley. Highs were in the upper 80's and lower 90's and lows were near 70 degrees all week. Dew points were also high in the upper 60's and lower 70's. Every afternoon, thunderstorms popped up across the State. Storms were slow moving, causing flooding problems as locally heavy rains fell under the storms. Over the weekend, the remnants of Tropical Storm Arlene brought significant rains to the area, which helped ease the mild drought in western Kentucky. This is the first week since the beginning of April that both temperatures and precipitation have been above normal statewide.

Temperatures for the period averaged 77 degrees across the State which was 5 degrees above normal. High temperatures averaged from 86 in the West to 87 in the East. Departure from normal high temperatures ranged from 0 degrees from normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 68 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 6 degrees above normal in the West to 7 degrees above normal in the East. The extreme high temperature was 94 at Glasgow. The extreme low temperature was 61 at Glasgow, Hardinsburg, and Nolin Lake. Rainfall for the period totaled 1.23 inches statewide which was 0.34 inches above normal. Precipitation totals by climate division, West 2.48 inches, Central 1.19 inches, Bluegrass 0.54 inches and East 0.73 inches, which was +1.62, +0.27, -0.34 and -0.19 inches respectively from normal. By station, precipitation totals ranged from a low of 0.17 inches at Covington to a high of 2.92 inches at Paducah.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

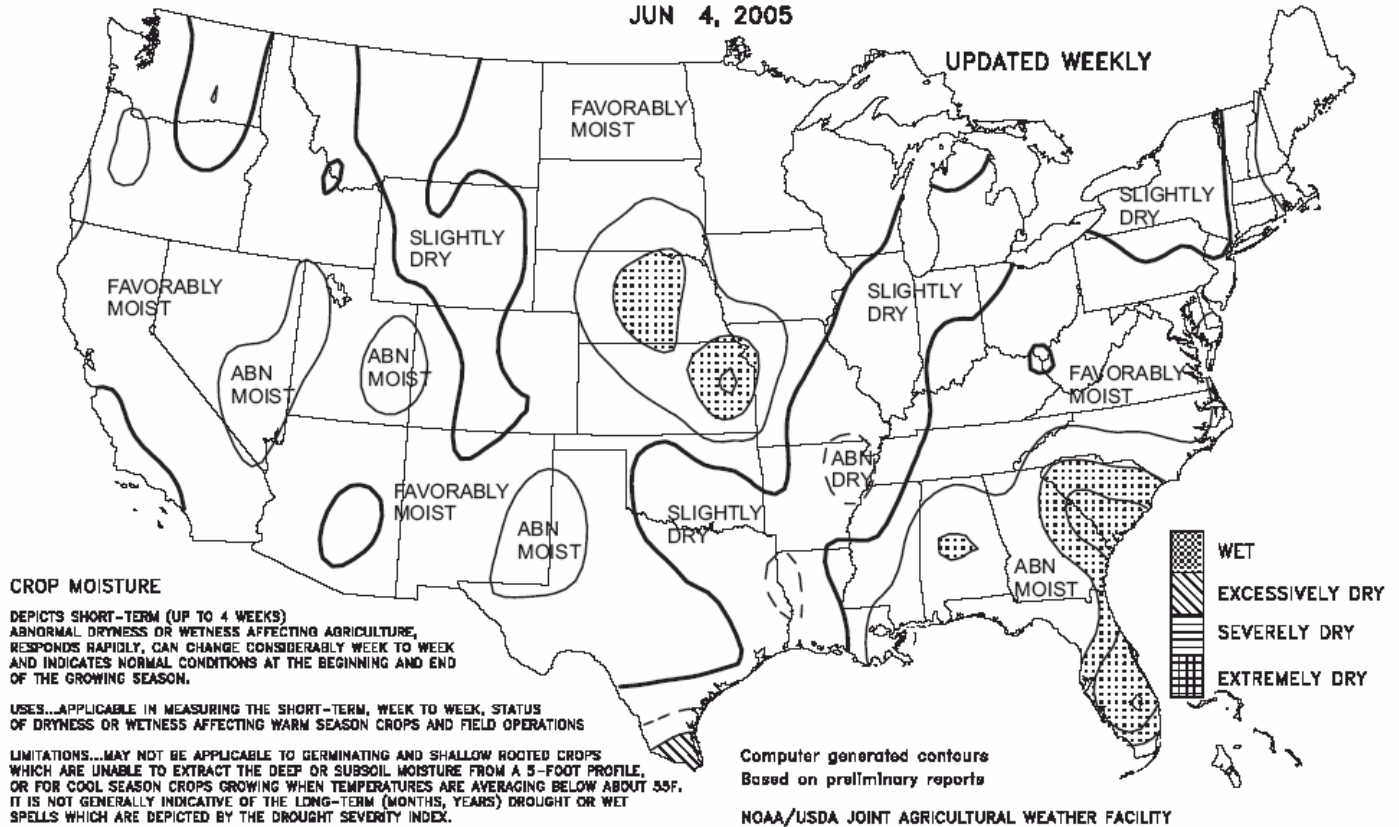
FOR WEEK ENDING SUNDAY, JUNE 12, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)										
Bardstown	1.43	10.70	3.87	+0.89	+0.10	91	65	77.6	+5	182	1019	-10
Berea	0.34	8.42	2.23	-2.23	-1.83	91	66	78.6	+7	196	1083	+23
Bowling Green	0.87	9.49	3.31	-1.44	-0.91	91	62	76.7	+4	180	1053	-19
Bristol	2.13	9.57	3.41	+0.95	-0.02	89	62	74.6	+3	168	923	-33
Buckhorn Lake	0.37	7.00	1.92	-2.52	-1.86	91	65	76.7	+5	181	1014	+82
Cape Girardeau	1.60	10.06	1.96	-0.95	-2.11	92	64	77.2	+3	180	1103	-12
Campbellsville	1.59	10.96	4.24	-0.63	-0.10	92	63	78.6	+6	187	1072	+24
Covington	0.17	5.70	0.85	-3.87	-2.90	91	64	78.1	+7	187	902	-12
Cumberland Gap	0.28	5.80	1.40	-4.79	-2.79	90	64	75.9	+4	177	1013	+69
Dix Dam	0.74	8.73	2.84	-1.70	-1.07	91	66	78.1	+7	190	1017	-12
Evansville	4.56	9.29	6.01	-0.88	+2.16	89	64	76.8	+3	182	1017	-25
Glasgow	1.83	12.18	5.17	+0.73	+0.72	94	61	78.5	+6	186	1166	+166
Grayson	0.42	8.40	2.66	-1.03	-1.07	92	67	78.7	+7	190	1009	+138
Hardinsburg	1.12	8.80	4.36	-1.90	+0.33	90	61	76.1	+4	174	1041	-31
Henderson	1.20	9.17	3.74	-1.16	-0.12	91	64	77.1	+3	183	1061	-11
Huntington	0.24	8.11	2.36	-1.23	-1.32	93	67	79.3	+8	192	1016	+72
Jackson	1.32	12.09	4.50	+1.98	+0.66	91	66	77.3	+6	184	1043	+111
Lexington	0.54	6.88	2.55	-2.93	-1.22	91	66	77.7	+6	186	952	+26
London	0.47	9.04	2.48	-0.59	-1.17	92	64	75.8	+4	176	967	+23
Louisville	0.79	9.64	5.00	-0.59	+1.23	91	66	77.6	+5	185	1000	-42
Mayfield	2.45	7.52	3.35	-3.89	-0.58	91	64	77.4	+3	185	1026	-107
Nashville	1.91	10.56	3.20	-0.12	-0.75	91	64	77.2	+5	182	1137	-8
Nolin Lake	1.11	10.03	3.93	-1.55	-0.47	92	61	76.7	+4	178	1066	+61
Paducah	2.92	8.76	3.61	-2.81	-0.56	92	64	76.9	+3	178	1123	+8
Princeton	2.15	9.37	3.91	-1.93	-0.19	90	64	77.3	+3	181	1145	+43
Quicksand	1.13	10.49	3.75	+0.38	-0.09	91	66	77.2	+6	185	1016	+84
Somerset	1.57	10.29	3.66	-0.83	-0.65	93	64	78.6	+7	187	995	-22
Spindletop	1.09	6.26	2.33	-3.55	-1.44	92	66	77.8	+6	185	922	-4
Williamstown	0.33	6.25	1.61	-3.82	-2.17	90	65	77.9	+6	186	926	+0

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
JUN 4, 2005

UPDATED WEEKLY



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